

## ABSTRACT

Disclosed is an odd bounce image rotating system with a sequence of an odd number of reflecting elements, such that a polarized electromagnetic beam caused to enter, reflectively interacts with the odd number of reflecting elements and exits along an essentially non-deviated, non-displaced locus, but with an azimuthally rotated polarization state. Application to, and methodology of application to set azimuthal angles of polarization in spectroscopic ellipsometer, polarimeter and the like systems is also disclosed.